

Serial No.: 10/595,279  
Docket No.: 09792909-6676  
Amendment "B" dated February 17, 2009  
Reply to the Office Action of December 11, 2008

## REMARKS

### **A. Introduction**

Claims 3, 7, 12, 15, and 17 were pending and under consideration in the application. Claims 1, 2, 4-6, 9-11, 13, 14 and 16 stand cancelled.

In the Office Action of December 11, 2008 claims 3, 7, and 15 were rejected under 35 U.S.C. §102(e) as being anticipated by *Takahashi*, U.S. 7,405,709 (hereinafter, "*Takahashi*").

Claims 12 and 17 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Takahashi* in view of *Endo*, et al., U.S. 2005/0162331, (hereinafter, "*Endo*").

### **B. Rejections under 35 U.S.C. §102(e)**

Claims 3, 7, and 15 were rejected under 35 U.S.C. §102(e) as being anticipated by *Takahashi*. The rejection is traversed.

*Takahashi* discloses an antenna module having a magnetic core member disposed between an antenna substrate and a conductive shield plate, where the magnetic core member has a layered structure providing a result that magnetic properties of a surface of the member opposed to the antenna substrate are different from magnetic properties of a surface of the member opposed to the shield plate. *Takahashi*, abstract. In some embodiments, *Takahashi* proposes accomplishing the above-mentioned result by providing slits or grooves in the surface opposing the antenna substrate. *Takahashi* further discloses slits and grooves in a matrix- or grill-shaped pattern. *Takahashi*, ¶col. 11, lines 45-53.

*Takahashi* fails to teach a magnetic core member for an antenna module, stacked with an antenna coil having a loop-shape, where the member has a first surface facing the antenna coil, the first surface has a recess having an annular shape formed in a region of the first surface corresponding to the loop-shape of said antenna coil, where the recess comprises a plurality of dimples formed on the first surface as claimed in each of independent claims 1, 5, and 13.

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The Office Action's assertion at paragraph 4 to the contrary, that *Takahashi* discloses a magnetic core member having a "first surface facing said antenna coil (Fig. 2), said recess (core member layer) (4A) Fig. 2 formed into an annular shape," is flawed. The assertion is flawed because the magnetic core member of *Takahashi* cannot be construed as reading simultaneously on (1) Applicants' recited magnetic core member, and (2) on Applicants' recited "recess having an annular shape formed in a region of the first surface [of the magnetic core member] corresponding to the loop-shape of said antenna coil".

A finding that a claim is anticipated requires that "each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *Verdegaal Bros. v. Union Oil Co. of California*, 814 F. 2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). Because *Takahashi* fails to disclose at least the feature of the claims discussed above, claims 3, 7 and 15, are patentable over *Takahashi*.

#### **C. Rejections under 35 U.S.C. §103(a)**

Claims 12 and 17 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Takahashi* in view of *Endo*. This rejection is traversed.

*Endo* was cited for disclosing a magnetic powder of Fe--Si--Cr. Whether or not this is true, such disclosure fails to cure the deficiency noted above.

#### **D. Conclusion**

In view of the foregoing, it is submitted that claims 3, 7, 12, 15, and 17 are allowable and early notice to that effect is respectfully requested.

If the Examiner believes that, for any reason, direct contact with Applicants' attorney would help advance the prosecution of this case to finality, the Examiner is invited to telephone the undersigned at the number given below, for purposes of arranging for a telephonic interview. Any communication initiated by this paragraph should be deemed an Applicant-Initiated Interview.

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If any further fees are required in connection with the filing of this amendment, please charge the same to our Deposit Account No. 19-3140.

Respectfully submitted,

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